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| First Quarter July - Sept | Record ID 181 | Record Date | Project Status ACTIVE | Funding Program 2040010 | Funding Source Pooled Fund | Project ID SPR 3 043 L | Record Modify Date 1/21/2004 | | |
| Contract No. In-House | Task Order | Source Dist | Source Unit | Expend Auth 680821 | Subjob | Special Designation | Document No. | Start Date 8/3/1997 | End Date 12/30/2004 |
| Contract Manager Gary | | DRI Project Manager Gauthier | | Contractor / Vendor | | Contractor / Vendor ID# | | Cooperative Project District | |
| Project Title Development of a New Guardrail End Treatment, Phase II | | | | | | | | | |
| Describe this quarter's accomplishments. Concept "L" was developed using LSDYNA finite element models. This concept features hinged beams between rigid diaphragms spaced 4 feet, that collapse upon an end-on impact. The beams are hinged at each diaphragm connection and in the middle between the diaphragms. There are two levels of beams on either side of the diaphragms. The nose has a rubber marine fender cylinder. The beams are bent at the center hinges slightly to initiate collapse. This concept is proving to be low cost in materials, since it consists primarily of the steel beams and diaphragms. It requires quite a bit of energy to get the beams to collapse and fold, in fact it is proving to be too stiff. Efforts have been made to "soften" the impact. | | | | | | | | | |
| Describe next quarter's task / deliverables & due dates. Work will continue on demonstrating feasibility of this concept. A decision will be made by December whether to proceed with this concept, or try a new one. | | | | | | | | | |
| Please provide actual first quarter expenditures amounts beginning July 1 thru September 30 for the 2003 / 2004 Fiscal Year | | | | | | | | | |
| <u>Contract \$</u> | | <u>Equipment \$</u> | | <u>Material \$</u> | | <u>Travel \$</u> | | <u>PY \$</u> | |
| \$0.00 | | \$0.00 | | \$0.00 | | \$0.00 | | \$9,610.00 | |
| <u>Current 2003 / 2004 Fiscal Year Programmed Funding Levels</u> | | <u>\$125,000.00</u> | | <u>\$20,000.00</u> | | <u>\$20,000.00</u> | | <u>\$0.00</u> | |
| What percentage of your project is completed? | Are your current spending levels within the programmed project funding? If no please explain below. | Are project accomplishments within the time schedule? If no please explain below. | | Are project accomplishments within the scope? If no please explain below. | | | | | |
| 20 | YES | NO | | YES | | | | | |
| Do programmed funding levels need adjustment (increase / decrease) to meet programmed budget funding levels for this fiscal year? | Future fiscal years? | If the answer is yes to funding level increase or decrease include detailed funding information below. | | | | | | | |
| YES | YES | | | | | | | | |
| Budgetary Comments It was expected to have a feasible concept established at the end of this quarter, but more work needs to be done. The contract programmed amount should only be \$25,000 for FY04. The other levels are correct. The total should be \$125,000 all federal, no state. The contract programmed amount should only be \$200,000 for FY05. The other levels are correct. The total should be \$545,000 all federal, no state. | | | | | | | | | |
| Have you placed additional information on the second to last page of this report under Project / Contract Manager Comments? NO | | | | | | | | | |
| First Quarter Submittal Date: 01/21/2004 | | First Quarter Submitted by: Gary Gauthier | | | | Phone: 324-2552 | | | |